

<p align="center"><b>NATIONAL PHASE UTILITY APPLICATION</b></p> <p align="center"><b>Transmittal to the (DO/EO/US) Under 35 USC 371</b></p>	<p>Attorney Docket No.: GENOM.025NP  First Named Inventor: David M. CROTHERS  Int'l Application No.: PCT/US2004/022465  Int'l Filing Date: July 14, 2004  Priority Date Claimed: 16 July 2003  Title: INVASIVE CLEAVAGE REACTION WITH  ELECTROCHEMICAL READOUT  Express Mail Label No.: EV 465553137 US</p>
<p><b>Direct all correspondence to Customer No.: 20995</b></p> <p align="right">Date: January 12, 2006 Page 1 of 2</p>	

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The following enclosures are transmitted herewith to be filed in the patent application of:

Inventors:

1. David M. CROTHERS
2. Peggy S. EIS

**APPLICATION ELEMENTS:**

- (X) This is a FIRST submission of items concerning a filing under 35 U.S.C. § 371.
- (X) A copy of the International Application as filed (35 U.S.C. § 371(c)(2)) has been communicated by the International Bureau.
- (X) A copy of the International Application in 92 pages as filed (35 U.S.C. § 371(c)(2)) is attached hereto.
- (X) An English translation of the International Application as filed is not required.
- (X) Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3)) have not been and will not be made.

**OTHER APPLICATION PARTS:**

- (X) Preliminary Amendment in 12 pages.
- (X) Abstract in 1 page
- (X) Published International Application: WO 2005/010199 A2
- (X) Return prepaid postcard.

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12 JAN 2006

<b>NATIONAL PHASE UTILITY APPLICATION</b> <b>Transmittal to the (DO/EO/US) Under 35 USC 371</b>	Attorney Docket No.: 10205NP First Named Inventor: David M. CROTHERS Int'l Application No.: PCT/US2004/022465 Int'l Filing Date: July 14, 2004 Priority Date Claimed: 16 July 2003 Title: INVASIVE CLEAVAGE REACTION WITH ELECTROCHEMICAL READOUT Express Mail Label No.: EV 465553137 US
<b>Direct all correspondence to Customer No.: 20995</b> Date: January 12, 2006 Page 2 of 2	

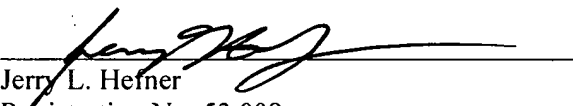
**FILING FEES:**

The present application qualifies for Small Entity Status under 37 CFR 1.27.

FEE CALCULATION				
FEE TYPE & DETERMINATION		SMALL FEE	CALCULATION	TOTAL
Basic Filing Fee under 1.492(a)		2631 (\$150)		\$150
Excess Claims	42 - 20 = 22	2615 (\$25)	22 x 25 =	\$550
Excess Ind. Claims	2 - 3 = 0	2614 (\$100)	0 x 100 =	\$0
Application Size Fee	104 - 100 = 4	2681 (\$125)	1 x 125 =	\$125
			<b>TOTAL FEE DUE</b>	<b>\$825</b>

(X) A check in the amount of **\$825** to cover the Total Fee Due is enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410.

  
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## SUBMISSION BY "EXPRESS MAIL"

Attorney Docket No. : GENOM.025NP  
Applicant(s) : Crothers, et al.  
For : INVASIVE CLEAVAGE REACTION WITH  
ELECTROCHEMICAL READOUT  
Attorney : Jerry L. Hefner  
"Express Mail" Label No. : EV 465553137 US  
Date of Deposit : January 12, 2006

The following documents are hereby placed into an Express Mail envelope bearing the number indicated above, which envelope is being deposited today with the U.S. Postal Service as Express Mail:

Transmittal letter; a copy of the International Application as filed in 92 pages; Preliminary Amendment in 12 pages; Abstract in 1 page; a copy of the Published International Application WO 2005/010199 A2; Check(s) for Filing Fee(s); Return Prepaid Postcard.

The envelope, with the enclosures listed above, is addressed the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

This submission is being made in compliance with 37 CFR 1.10.

Noema Morgana Yee  
Name: Noema Morgana Yee  
Docketing Agent

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